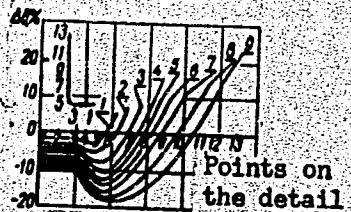


L-15697-65

ACCESSION NR.: AP4047694

ENCLOSURE: 01



Card 3/3

STUDNITSIM, A. A.; REVINSKAYA, R.I.

Modifications of blood picture in early syphilis treated with penicillin and fever therapy. Vest. vener., Moskva no.5:24-29 Sept-Oct 1951 (CIML 21:1)

1. Of the Clinic for Skin and Venereal Diseases (Head — Corresponding Member of the Academy of Medical Sciences Prof. N. S. Vedrov, deceased) and of the State Institute of Physiotherapy (Director -- Prof. A. I. Nesterov, Active Member of the Academy of Medical Sciences USSR).

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0

Д. ВИЧЕНЦОВИЧ, МАРКУШИН, В.Г.

"Analysis of Gas Mixtures by Determination of Heat Conductivity"
Zavod Lab, Vol. XIV, No 10, Oct 1949, pp 1157-1161 K-22458

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0"

REVINSKI, B. M.

E. F. BAKHMETEV, Mitt Forschung against Luftfahrtmaterialpruf, 1933, n. 1, 131pp

Revinskiy
TERIN, A.; REVINSKIY, V.; VERBITSKIY, Ye., rabochiy.

From dolphin skin. Prom.koop. no.5:18 My '57.

(MIRA 10:8)

1.Tekhnoruk arteli "Kozhevnik" (for Teterin). 2.Nachal'nik
zol'no-dubil'nogo tsekha (for Revinskiy)
(Dolphins)

REVIS, B.G., kand.med.nauk

Effect of some cholinolytic agents on the vessels of the ear in rabbits with experimental cholesterol atherosclerosis. Trudy KGMI no.10:191-194 '63. (MIRA 18:1)

1. Iz kafedry farmakologii (zav. kafedroy - doktor med. nauk M.M.Desnitskaya) Kalininskogo gosudarstvennogo meditsinskogo instituta.

REVIS, I.A., kandidat tekhnicheskikh nauk; KVATER, I.S., kandidat tekhnicheskikh nauk; ARTEM'YER, V.F., inzhener; PERSHIN, P.S., inzhener.

Cracks in high-speed steel castings and methods of preventing this defect. Vest.mash.27 no.11:39-45 N '47. (MLRA 9:4)
(Steel castings--Defects)

SOV/137-58-12-25239

Translation from Referativnyy zhurnal Metallurgiya, 1958, Nr 12, p 171 (USSR)

AUTHORS Tushinskii, L. I., Revis, I. A.

TITLE High-speed Steels for Cast Tools (Bystrorezhushchiye stali dlya litogo instrumenta)

PERIODICAL Tr. Vost.-Sib. fil. AN SSSR, 1957, Nr 6, pp 93-115

ABSTRACT An investigation was made of low- and medium-alloy high-speed steels for cast tools. It was established that, when casting into metallic molds with subsequent treatment by cooling and tempering, steels of the following composition (in %) C 0.7, W 6.75, Cr 8.4, and V 0.77 have a service-life expectancy of 145%, whereas steels containing (in %) C 0.97, W 4, Cr 9.07, and V 1.31 have a service-life expectancy of 173% of that of forged high-speed R9 steel. These steels are recommended for cast tools for milling work.

I. B.

Card 1/1

REVIS, I. A.

137-58-1-1786

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 243 (USSR)

AUTHORS: Mar'yanovskiy, I. M., Reviz, I. A.

TITLE: Red Hardness of High Alloy High-speed Steel R18 Machined When
Cooled to Below 0°C (Krasnostoykost' vysokolegirovannoy
bystrorezhushchey stali R18 obrabotannoy s primeneniem
okhlazhdeniya nizhe 0°)

PERIODICAL: Tr. Leningr. tekhnol. in-t kholodil'n. prom-sti, 1957, Vol 13,
pp 150-157

ABSTRACT: The effect of various machining procedures at temperatures
below 0°C on the red-hardness (R) of high-speed steel (FS) R18
was studied. The following six regimes for heat-treatment of
specimens hardened from 1280-1290° were employed: 1) triple
tempering at 560-580° for 1 hour each time; 2) fast cooling (C)
to -195° immediately after hardening and holding at -195° for 2
hours; 3) slow C to -110° for 1 hour at a rate of 0.5-2°/min. or
with steps of 10 min. duration each; 4) C under procedure (3)
above, but 240 hours after hardening; 5) fast C to -110°, holding
for 2 hours, slow heating (1-2°/min.) to room temperature;
6) C in accordance with procedure (5), but 240 hours after

Card 1/2

137-58-1-1786

Red Hardness of High Alloy High-speed Steel R18 (cont.)

hardening. To determine R the specimens were heated four times for 1 hour each at 575, 625, and 700°, with subsequent measurement of R_C at room temperature. The study failed to establish any significant differences in the R of FS machined under various procedures at negative temperatures after hardening, as compared to that of the same steels normally hardened and tempered.

Bibliography: 13 references.

K. M.

1. Steel-Hardening 2. Steel-Temperature 3. Steel-Machining

Card 2/2

SOV/137-59-1-1263

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 171 (USSR)

AUTHORS: Tushinskiy, L. I., Revis, I. A.

TITLE: Inoculation of a High-speed Steel (Modifitsirovaniye bystrorezhu-shchey st.)

PERIODICAL: Tr. Vost.-Sib. fil. AN SSSR, 1957, Nr 6, pp 116-127

ABSTRACT: Investigations of microstructure, red-hardness, and wear resistance during cutting were carried out on two grades of high-speed steel of the following composition: 1) 0.98 - 1.12% C, 4.0 - 4.05% W, 8.05 - 8.15% Cr, and 1.25 - 1.35% V; 2) 0.86 - 0.87% C, 6.75-6.82% W, 8.45% Cr, 0.70 - 0.72% V, and 0.25% B; the steels were inoculated with Li introduced in the form of an Li-Ca alloy (30% Li and 70% Ca) in quantities of 0.025, 0.05, 0.10, and 0.25%. The steels were smelted in a HF furnace with a 5-kg capacity and were then cast into metallic molds 8x30x220 mm in size. Li was found to be a highly active inoculant which refines the grains of high-speed steel and increases its red-hardness and endurance during cutting (by a factor of 3), provided the quantity of the Li-Ca alloy introduced into the steel does not exceed 0.025%. T. F.

Card 1/1

LEVINSON, A.M.; Prinimali uchastiyu: REVIS, I.A.; TYMINSKAYA, S.Yu.; ETKIN,
Ye.I.

Knotter drums made of acid-resistant steel. Bumagodel. mash. no.8:135-139
'60. (MIRA 14:3)

(Papermaking machinery)

BRODTSKIY, A.T.; GUSACHENKO, M.P. [deceased]; REVIS, I.A.

Studying some problems of the endurance of high-speed cast steel
as dependent on the technological factors. Trudy LTITSBP no.14:
22-31 '64. (MIRA 18:5)

01472

S/123/60/000/05/02/009

18.5000Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1960, No 5, p 96,
21484

AUTHORS: Lebedev, T.A., Revis, I.A.

TITLE: The Practice of Mechanical Machining of High-Manganese Steel
With the Aid of HF-CurrentsPERIODICAL: Nauchno-tekhn. inform. byul. Leningr. politekhn. in-t, 1958,
No 11, pp 103 - 105

TEXT: It is reported that the valuable properties of the Г 13 (G13) high-manganese austenite steel make it suitable for the manufacture of machine parts operating under conditions of impact and dynamic loads. It is pointed out that a widespread use of this steel grade is prevented by its labor-consuming tooling during the cutting process. The authors cite test results of the mechanical machining of high-manganese steel with the aid of HF-currents, which were carried out with the aim to improve the machinability of this steel. The experiment was effected in such a way that an inductor was fitted in front of the cutting tool in the direction of chip removal, this inductor being connected

Card 1/2

81472

S/123/60/000/05/02/009

The Practice of Mechanical Machining of High-Manganese Steel With the Aid of HF-Currents

to a HF vacuum tube generator of 30kW power, with the aid of which the surface of the item to be machined was heated. The heating temperature of the surface of the corresponding zone of the article ranged from 750 to 800°C. Machining took place with EK8 (VK8) hard-alloy tools at a cutting speed of 25, 40 and 50 m/min, with a cutting depth of 4 mm and a feed of 0.6 mm/rev. The suggested tooling method of high-manganese steel facilitates the machinability of this steel; an uninterrupted chip was obtained during the machining, the tool durability proved to be satisfactory. No increased tool wear in connection with the heating of the machined steel was observed.
1 figure.

B.I.L.

X

Card 2/2

REVIS, I.A.; LEVINSON, A.M.; MOROZIK, Ye.P.; Prinimali uchastiye:
ZHUKOBORSKIY, S.L., inzh.; BAYEV, A.A., inzh.; SOLOMAKHIN,
S.I., inzh.; VESHCHEV, Ye.V., tekhnik; SYSOYEVA, Ye.Ya., laborant

Effect of the technology of the manufacture of the disk knives
for paper cutting on their strength. Bumagodel, mash. no.12:
176-206 '64. (MIRA 17:11)

1. Leningradskiy tekhnologicheskiy institut tsellyulozno-bumazhnoy
promyshlennosti (for Zhukoborskiy, Bayev, Solomakhin, Veshchev,
Sysoyeva).

REVIS, I.A.; BYCHKOV, P.P.

Effect of the degree of the forging reduction on the properties
of high-speed steel. Trudy LTITSBP no.14:15-21 '64. (MIRA 18:5)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0

LEBEDEV, T.A.; REVIS, I.A.

Using high-frequency currents in machining high-manganese
steel. Nauch.-tekhn.inform.biul. LPI no.11:103-105 '58.
(MIRA 12:11)

(Metal cutting) (Induction heating)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0"

MAR'YANOVSKIY, I.M., starshiy prepodavatel'; REVIS. I.A., dotsent,
kand.tekhn.nauk

Red hardness of the R18 highly alloyed high-speed steel treated
by cooling below 0°. Trudy LFTIKHP 13:150-157 '57.
(MIRA 13:6)

1. Kafedra tekhnologii metallov Leningradskogo tekhnologicheskogo
instituta kholodil'noy promyshlennosti.
(Metals at high temperatures)
(Metals at low temperatures)

82463
S/112/60/000/006/008/032

18.5200

3.4039

AUTHORS:

Lebedev, T. A., Revis, I. A.

TITLE:

The Experience in Machining High-Manganese Steel With the Aid of High-Frequency Currents

PERIODICAL: Nauchno-tekhn. inform. buyl. Leningr. politekhn. in-t, 1958,
No. 11, pp. 103-105.

TEXT: High-manganese steel is rarely used because of difficulties encountered in machining. The development of methods facilitating the machining of high-manganese steel would raise sharply the efficiency of producing parts from this material and would widen considerably its field of application. In the described method, an inductor fed from h-f generator was used for heating the surface of the part. The inductor was mounted before the cutting tool in the direction of cutting. The transformer of the device was fixed to the support of the lathe. Exchangeable inductors of two types, ring inductors and such performing the heating along an arc, could be connected to the transformer. The temperature of heating a corresponding zone of a sample varied from 750 to 800°C. For turning

Card 1/2

82463
S/112/60/000/006/008/032

The Experience in Machining High-Manganese Steel With the Aid of High-Frequency Currents

the test rods, roughing tools with "BK8" (VK8) hard alloy tips were used. Continuous turnings were obtained. The durability of tools was satisfactory. No increased tool wear was observed when heating the high-manganese steel for machining. *X*

L. G. S.

Card 2/2

SEVINS, I. A.

Praktika proizvodstva i primenenija litogo sbornogo instrumenta [Production
and use of cast sectional tools]. Mashgiz, 1945.

SO: Monthly List of Russian Accessions, Vol. 6 No. 11 February 1954

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0

REVIS, I. A.; SVERDIOL, M. B., Engineer; KRAYZMAN, I. L., Engineer

"Cast Built-up (nabornyy) Tools. (From Experience at the Plant imeni
Komintern NAKTP), Stanki i Instrument, 16, No. 3, 1945

BR-52059019

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0"

REVIS, I. A.; KVATER, I.S., Engineer; ARTEM'YEV, V. F., Engineer; PERSHIN, P.S.,
Engineer

Mos., Uralmash Plant (-1945-)

"The Technology of Making Cast Tools at the Uralmash Plant," Stanki I
Instrument, 16, No. 3, 1945.

BR-52059019

REVIS, M. A.

Engineer

600

USSR (600)

*"Casting of Double-Layer Tools" Stanki I Instrument, 14, No 4-5, 1943

BR-52059019

*Excerpts from his report:

KATAL'NIKOV, S.G.; REVIN, V.A.; ANDREYEV, B.M.; PROKOPETS, V.Ye.

Determination of height, equivalent to the theoretical plate in
countercurrent ion exchange. Zhur. prikl. khim. 34 no. 12:2669-2674
(MIRA 15:1)
D '61.

1. Moskovskiy khimiko-tehnologicheskiy institut imeni D.I.
Mendeleyeva.
(Ion exchange)

21410
S/089/61/011/006/006/014
B102/B138

214200

AUTHORS: Katal'nikov, S. G., Revin, V. A., Andreyev, B. M.,
Minayev, V. A.

TITLE: Determination of the separation factor for lithium
isotopes in ion exchange

PERIODICAL: Atomnaya energiya, v. 11, no. 6, 1961, 528 - 532

TEXT: Isotope separation factor α is determined in the exchange of LiOH and LiCl solutions of various concentrations with the cation-exchange resins CEC (SBS) and Ky-2 (KU-2), and with Dowex-50. The characteristic parameters of the ion exchangers were first determined, then α was found graphically from the difference in equilibrium concentrations. The greatest difference in equilibrium concentration occurs if the preparations are isotope-enriched up to 50%. In single-stage experiments, Li⁶ in the hydroxide solution was enriched to 48.4%, which produced a concentration difference of about 0.25(α -1). Table 2 shows the results with 1N LiOH solution, Table 3 those with 1 and 5N LiCl (single-stage enrichment). The selective properties of the ion-exchange resins investigated are discussed in detail with respect to concentration in divinyl benzene

Card 1/0 3

✓

21410
S/089/61/011/006/006/014
B102/B138

Determination of the...

and distribution factor K_{Li}^H . Conclusions: (1) Isotope exchange between SBS, KU-2 and Dowex-50 on the one side, and LiOH and LiCl solutions on the other, produced an accumulation of Li^6 in the cation exchanger and of Li^7 in the solution. α depends on the type of exchanger. (2) Within the limits of error α was the same for Li ion exchange in LiCl and LiOH solutions. In 1-5N LiCl solutions, α does not depend on concentration. (3) The distribution constants for $Li^+ - H^+$ systems and α are interrelated. The cation exchanger with the least affinity to lithium has the greatest α . A similar K_{Li}^H / α dependence was found for cation exchangers for which the distribution coefficient depends on the molar fraction of Li in the exchanger (Dowex-50). For SBS, $\alpha = f(\log K_{Li}^H)$. The authors thank Professor

G. K. Boreskiy for his interest. G. M. Panchenkov is mentioned (G. M. Panchenkov et al., Atomnaya energiya, t. 7, vyp. 6, 556, 1959). There are 2 figures, 3 tables, and 13 references: 4 Soviet and 9 non-Soviet. The four most recent references to English-language publications read as follows: F. Menes, E. Saito, E. Roth. Proceedings of the International Symposium on Isotope Separation, p. 227, North-Holland Publishing

Card 2/

Determination of the...

21410
S/089/61/011/006/C56/014
B102/B138

Co., Amsterdam, 1958; D. Lee, G. Begun. J. Amer. Chem. Soc. 81, No. 10, 2332 (1959); R. Betts, W. Harris., M. Stevenson. Canad. J. Chem. 34, No. 1, 65 (1956); D. Lee, J. Phys. Chem., 64, 187 (1960).

SUBMITTED: January 30, 1961

Legend to Table 2: (1) Cation exchanger; (2) No. of experiment; (3) α_{mean} ; (4) temperature.

Table 3. Li isotope exchange between SBS (5) and LiCl solution.

Legend: (1) Number of experiment; (2) Li concentration observed, g-equiv./liter; (3) LiCl equilibrium concentration, g-equiv./liter; (4) fraction of Li in the cationite : $RLi/(RLi + RH)$.

Card 3/1

L 20267-65 BSD/AS(mp)-2/AMD Pa-4
ACCESSION NR: AR4045873

S/0299/64/000/014/M025/M025

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 14M165

B

AUTHOR: Revis, V. A.

TITLE: Comparative evaluation of bone marrow and spleen preservation
by freezing in different media

CITED SOURCE: Sb. 3 Vses. konferentsiya po peresadke tkaney i
organov, 1963. Yerevan, 1963, 231-232

TOPIC TAGS: rabbit, tissue, bone marrow, spleen, preservation,
freezing, glycerine, serum, irradiation, life span, transplantation/
TsOLIPK-7 preservant

TRANSLATION: Bone marrow and spleen were preserved by freezing to
-70°C. in 100% glycerine, in 30 and 15% glycerine solutions, in a
TsOLIPK-7 preservant with addition of 30% glycerine, in a pure
homologous serum, and in a homologous serum with glycerine added.
Viability of bone marrow and spleen cells was determined by supravital
staining of tissues with a 1% aqueous eosin solution, use of
methionine-S35 in vitro, protective action effectiveness of preserved
Card 1/2

L 20267-65

ACCESSION NR: AR4045873

tissues when transplanted to animals irradiated with a lethal dose, and histoautoradiography. The structure of hemopoietic tissues was preserved best of all with preservation up to 45 days in the TsOLIPK-7 or in a homologous blood serum with 30% glycerine added. The results were good for preservation in 30 and 100% glycerine solutions, and the results were unsatisfactory for preservation in a 15% glycerine solution and in a pure homologous serum. Protective properties of the spleen and marrow were investigated in 4 series of experiments on rabbits irradiated with an 1100 r dose. In the control series (without transplantation) 7 of 50 rabbits survived. In the second series 38 of 100 rabbits survived with fresh bone marrow transplants made 24 hrs after irradiation. In the third series 100 rabbits received bone marrow transplants preserved by freezing in different media after irradiation. Twenty-seven of the 29 rabbits receiving bone marrow treated in TsOLIPK-7 and glycerine survived. The worst results were found for transplantation of bone marrow preserved for a prolonged period (30 to 45 days) in a 15% glycerine solution and in a homologous serum (death in all cases). In the fourth series 75 rabbits received transplants of preserved spleen tissue 24 hrs after irradiation. All animals died.

Card 2/2 SUB CODE: LS ENCL: 00

REVIS, V.A., kandidat meditsinskikh nauk (Moscow)

Pathogenesis and prevention of postoperative pneumonias. Klin.med.
33 no.3:90 Mr '55.
(MIRA 8:5)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo AMN SSSR (dir.
chlen-korrespondent AMN SSSR prof. A.A.Vishnevskiy i Tsentral'noy
klinicheskoy bol'nitsy MPS SSSR imeni Semashko (nauchnyy rukovoditel'
chlen-korrespondent AMN SSSR prof. V.R.Braytsev).

(SURGERY, OPERATIVE, complications,
postop. pneumonia, pathogen. & prev.)
(PNEUMONIA,
postop., pathogen. & prev.)

REVIS, V.A., kandidat meditsinskikh nauk (Kalinin)

Postoperative atelectasis of the lungs. Klin.med. 34 no.10:31-34
0 '56. (MIRA 10:1)

1. Iz Fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.G.Karava-nov) Kalininskogo meditsinskogo instituta (dir. - prof. R.I. Gavrilov)

(ATELECTASIS, etiol. and pathogen.
abdom. surg.)

(SURGERY, OPERATIVE, compl.
atelectasis caused by abdom. surg.)

USSR/General Problems in Pathology - Comparative Oncology

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84970

Author : Revis, V.A. Muravey, I.P.

Inst : no institute is given

Title : The Problem of the Study of Thyroid Functions
in Cancer Patients with the Aid of Radioactive
Iodine (I^{131}).

Orig Pub : Probl. Endokrinol. i Gormonoterapii, 1957, Vol. 3,
No. 6, 78-82

Abstract : On the basis of findings in the literature and of
their own observations, the authors demonstrated with
the aid of I^{131} , in 90 patients with tumors in various
locations, that there was a weakening of the thyroid
function in cancer patients which was especially pro-
nounced in cancer of the pancreas, esophagus, stomach,
lungs, and, to a lesser degree, in cancer of the lip
and rectum, and in sarcoma of the extremities. The
most marked depression of thyroid function was noticed

Card 1/2

33

REVIS. V.A., kand.med.nauk (Kalinin (obl.), 23, 1-ya Pervolotskaya ul.
d.40, kv. 13); MURAV'EV, I.P.

Absorbability of tagged erythrocytes from the abdominal cavity in
aseptic conditions and in experimental peritonitis [with summary
in English. p.159]. Vest.khir. 80 no.1:103-108 Ja '58.
(MIRA 11:4)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.G.
Karavanov) Kalininskogo meditsinskogo instituta.

(PERITONITIS, exper.

absorp. of labeled erythrocytes from abdom. cavity in
cats, comparison with normal subjects (Rus))

(ERYTHROCYTES

absorp. of labeled erythrocytes from abdom. cavity in
exper. peritonitis in cats, comparison with normal
subjects (Rus))

KARAVANOV, A.G., prof.; REVIS, V.A., kand.med.nauk; SHLEYFER, M.Ya.

Treatment of acute radiation sickness by experimental transplantation
of bone marrow and the spleen. Vrach.delo no.1:45-51 '59.

(MIRA 12:4)

1. Klinika fakul'tetskoy khirurgii (zav. - prof. A.G. Karavanov)
Kalininskogo meditsinskogo instituta i oblastnaya klinicheskaya bol'-
nitsa.

(RADIATION SICKNESS)
(MARROW--TRANSPLANTATION)

REVIS, V.A., kand.med.nauk

Free homoplasty of bone marrow as a therapeutic factor in acute
radiation sickness. Voen.-med.zhur. no.12:28-33 '59.

(MIRA 14:1)

(RADIATION SICKNESS)

(MARROW)

REVIS, V.A., kand.med.nauk (Kalinin (obl.), Pervomayskaya nab., d.74, kv.6)

Free homoplastic transplanatation of bone marrow as a therapeutic factor in acute radiation sickness. Vest. rent. i rad. 35 no. 2:44-52 Mr-Ap '60. (MIRA 14:2)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. A.G. Karavanov) Kalininskogo meditsinskogo instituta (direktor - dotsent A.N. Kushnev) na baze 1-y oblastnoy bol'nitsy (glavnnyy vrach - zasluzhennyj vrach RSFSR A.A. Sokolov).
(RADIATION SICKNESS) (MARROW—TRANSPLANTATION)

REVIS, V.A.

Functional activity of the thyroid gland in acute and chronic
suppurative inflammatory processes. Probl. endok. i gorm. 7
no.1:72-79 '61. (MIRA 1483)

(THYROID GLAND)

KARAVANOV, A.G., prof.; REVIS, V.A., kand.med.nauk

- Use of a commercial television apparatus (PTU-3) for televising operations. Khirurgiia 37 no.1:128-130 Ja '61. (MIRA 14:2)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. A.G. Karavanov) Kalininskogo meditsinskogo instituta na baze Oblastnoy klinicheskoy bol'nitsy (glavnnyy vrach - zasluzhennyy vrach RSFSR A.A. Sokolov).
(TELEVISION IN MEDICAL EDUCATION)

REVIS, V.A.; TITOV, V.N.

Protein metabolism of the liver and kidneys in acute radiation sickness according to histautoradiography data. Med. rad. 9 no.11:54-61 N '64. (MIRA 18:9)

1. Klinika fakul'tetskoy khirurgii (zav.- prof. V.S. Semenov) Kalininskogo meditsinskogo instituta i Oblastnaya klinicheskaya bol'nitsa.

REVIS, V.A.

Incorporation of S35-labeled methionine into bone marrow
and spleen proteins in acute radiation sickness. Vop. med.
khim. 10 no.5:513-520 S-0 '64.

(MIRA 18:11)

1. Kafedra fakul'tetskoy khirurgii Kalininskogo meditsin-
skogo instituta.

RUVIS, V.A.

Mechanism of the radioprotective action of subcutaneous trans-plantations of hemopoietic tissues in acute radiation damages.
Radiobiologija 5 no.3:428-433 '66.

(MIRA 16:7)

1. Kalininskiy meditsinskiy institut.

L 59545-65 EWG(j)/EWT(m)

ACCESSION NR: AP5015734

UR/0205/65/005/003/0428/0433

628.58 : 616.001.28

16

15

B

AUTHOR: Revis, V. A.

TITLE: The mechanism of the radioprotective action of subcutaneous transplantation of hemopoietic tissues in acute radiation injury

SOURCE: Radiobiologiya, v. 5, no. 3, 1965, 428-433

TOPIC TAGS: radioprotective agent, transplantation, hemopoiesis, spleen, bone marrow, X irradiation

ABSTRACT: The radioprotective action of subcutaneous transplants is specific for hemopoietic tissue. Rabbits received 1100 r of whole-body irradiation from an RUM-3 apparatus and, 24 hours later, transplants of non-hemopoietic tissue, e.g., the liver. Twenty-six of the 30 experimental animals died 3 to 11 days after irradiation, showing that subcutaneous transplantation of non-hemopoietic tissue has no effect on the course of acute radiation sickness. In another series, 25 irradiated rabbits received transplants of bone marrow preserved by Filatov's method. Twenty-three animals died 2-14 days after irradiation. Histological examination of fresh

Card 1/2

L 59545-65

ACCESSION NR: AP5015734

and preserved bone-marrow and spleen transplants showed that after brief survival they underwent necrobiotic and necrotic changes. The length of time the transplants survived varied with the material: fresh spleen--4-5 days, preserved spleen--7-10 days, fresh bone marrow--7-8 days, preserved bone marrow--15-20 days. The mechanism of the radioprotective action of subcutaneous transplants of hemopoietic tissues seems to lie in the combined effect exerted by the cellular and humoral factors of the transplant on the irradiated organism.

ASSOCIATION: Kalininskiy meditsinskiy institut (Kalinin Medical Institute)

SUBMITTED: 10Apr64

ENCL: 00

SUB CODE: LS

NO REF Sov: 014

OTHER: 020

llc
Card 2/2

L 58521-65 EWG(j)/EWT(m)

ACCESSION NR: AP5019547

UR/0301/64/010/005/0513/0520
21
2B

AUTHOR: Revis, V. A.

TITLE: Incorporation of methionine-s³⁵ into the proteins of bone marrow and spleen
in acute radiation sickness 19

SOURCE: Voprosy meditsinskoy khimii, v. 10, no. 5, 1964, 513-520

TOPIC TAGS: radiation sickness, bone disease, blood disease, experiment animal,
methionine, x ray irradiation, radiation biologic effect

ABSTRACT: Scarcity of information regarding the biochemical changes
which take place in the hemopoietic organs, bone marrow in particular,
in the course of radiation sickness prompted the experiments reported,
in which rabbits were used. Acute radiation sickness was induced in the
animals by exposure to total radiation by X-rays applied in doses of
1,100 r. Indicator doses of methionine-S³⁵ were administered to the
rabbits subcutaneously at different periods of development of the dis-
ease. Within 2 hours after each administration of the methionine-S³⁵,
the animals were sacrificed, suspensions of bone marrow were prepared,
and then examined. It was found that the intensity with which the
labeled methionine is incorporated into the proteins of bone marrow and

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L 58521-65

ACCESSION NR: AP5019547

spleen is sharply decreased in the course of acute radiation sickness. The decrease reaches its maximum intensity about two weeks after irradiation. The process is then reversed, with the intensity of the incorporation of amino acid being restored to an almost normal level within one month. A histoautoradiographic method of investigation indicates that at the basis of the changes which take place in the intensity of the

incorporation of the labeled methionine into the proteins of the hemopoietic organs are morphological and biochemical modifications of the organs as a result of radiation sickness.

Orig. art. has: 2 tables, 5 figures.

ASSOCIATION: Kafedra fakul'tetskoy khirurgii Kalininskogo meditsinskogo instituta
(Department of Surgery, Kalinin Medical Institute)

SUBMITTED: 22Aug63

ENCL: 00

SUB CODE: LS

NR REF SOV: 012

OTHER: 000

JPRS

bpp
Card 2/2

REVIS, V.A., kand.med.nauk

Histoautoradiographic study of the morphology and the state of protein metabolism of the hemopoietic organs in acute radiation sickness. Trudy KGMI no.10:179-184 '63.

(MIRA 18:1)

1. Iz kafedry fakul'tetskoy khirurgii (zav. kafedroy, zasluzhennyy deyatel' nauki RSFSR, prof. ".S.Semenov) Kalininskogo gosudarstvennogo meditsinskogo instituta.

REVIS, V.A., kand. med. nauk (Kalinin)

Thyroid function in some diseases of the brain and meninges.
Klin. med. 41 no.6:52-59 Je '63. (MIRA 17:1)

1. Iz kliniki fakul'tetskoy khirurgii Kalininskogo medi-tsinskogo instituta na baze Oblastnoy klinicheskoy bol'nitsy (glavnnyy vrach - zasluzhennyy vrach RSFSR A.A. Sokolov).

REVIS, V.A. (Kalinin)

Treatment of acute radiation sickness by transplantation of
lyophilized homologous bone marrow. Pat. fiziol. i eksp. terap.
6 no.6:44-49 N-D' 62 (MIRA 17:3)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. A.G.
Karavanov) Kalininskogo meditsinskogo instituta.

REVIS, V.A.

Incorporation of methionine-S³⁵ into the proteins of bone
marrow and spleen in acute radiation sickness and the effect of
bone marrow transplantation on this process. Radiobiologija 2
no.6:919-925 '62

(MIRA 16:11)

1. Meditsinskiy institut, Kalinin.

REVIS, V.A.

Effect of the preservation of bone marrow and spleen by freezing in various media on the retention of the morphology and protective-biological properties of these tissues. Probl. gemat. i perel. krovi 8 no.5:22-29 My'63. (MIR 16:8)

1. Iz kliniki fakul'tetakoy khirurgii Kalininskogo meditsinskogo instituta na baze Oblastnoy klinicheskoy bol'nitsy
(glavnnyy vrach A.A.Sokolov)
(TISSUES—PRESERVATION) (MARROW) (SPLEEN)

REVIS.V.A.

Treatment of acute radiation sickness by homotransplantation of fresh and preserved spleen. Med. rad. 7 no.11:65-73;
N'62. (MIRA 16:9)

1. Iz Kalininskogo meditsinskogo instituta na baze Oblastnoy
klinicheskoy bol'nitsy (glavnnyy vrach - zasluzhennyy vrach
RSFSR A.A.Sokolov)
(RADIACTION SICKNESS) (SPLEEN--TRANSPLANTATION)

REVIS,V.A., kand.med.nauk

Some important problems in the diagnosis and treatment of various forms of goiter.Fel'd. i akush. 28 no.3:17-21 Mr'63.(MIRA 16:7)

1. Iz kliniki fakul'tetskoy khirurgii Kalininskogo meditsinskogo instituta.

(GOITER)

REVIS, V.A., kand.med.nauk (Kalinin)

Transplantation of hemopoietic tissues. Fel'd.i akush. 27 no.7:56-
59 Jl '62. (MIRA 15:9)
(TRANSPLANTATION OF ORGANS, TISSUES, ETC.)

REVIS, V.A., kand.med.nauk

Two cases of reconstructive operations on the extrahepatic biliary tracts in combination with an injury of the common bile duct. Vest. khir. no.3:107-110 '62. (MIRA 15:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.G. Karavanov) Kalininskogo meditsinskogo instituta (rektor - dotsent A.N. Kushnev) na baze oblastnoy klinicheskoy bol'nitsy (gl. vrach - zasluzh. vrach RSFSR A.A. Sokolov).
(BILE DUCTS—SURGERY)

REVIS, V.A., kand.med.nauk

Preservation of bone marrow. Voen.-med.zhur. no.9:24-26 S '61.
(MIRA 15:10)

(MARROW--PRESERVATION)

43487
S/205/62/002/006/019/021
E027/E410

A7A400
AUTHOR: Revis, V.A.

TITLE: The incorporation of methionine - S³⁵ into the protein of bone marrow and the spleen in acute radiation sickness and the effect of bone marrow transplantation upon this process

PERIODICAL: Radiobiologiya, v.2, no.6, 1962, 919-925

TEXT: Acute radiation sickness was produced in rabbits by X-irradiation in a dose of 1100 r and, immediately after exposure and at various times up to 2 months, protein metabolism was studied by the injection of methionine - S³⁵ in a dose of 6000 cpm/g, with subsequent study of its distribution. Suspensions of bone marrow, spleen and skeletal muscle were treated with trichloroacetic acid to precipitate the protein, which was then washed, defatted and dried. 56 Rabbits were used in all. An increase in incorporation occurred in the marrow (from 4.5 to 9.8%) and spleen up to 3 days after irradiation, followed by a fall. No incorporation was registered in the muscles. Minimum values were obtained 2 weeks after

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The incorporation of ...

S/205/62/002/006/019/021
E027/E410

irradiation (1.1% in bone marrow, 0.1% in spleen, 0.02% in muscle as compared with 4.5, 3.2 and 0.8% respectively in the controls). This stage is followed by recovery marked by a gradual increase in methionine incorporation. The fall in incorporation of methionine was less marked in animals which received a transplantation of 2.5 g of preserved bone marrow and it depends on the preservation time of the transplanted marrow. There are 3 tables.

ASSOCIATION: Meditsinskiy institut, Kalinin
(Medical Institute, Kalinin)

SUBMITTED: December 11, 1961

Card 2/2

REVIS, V.A.

Preservation of bone marrow. Probl.gemat.i perel.krovi no.9:
35-40 '61. (MIRA 14:9)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. A.G. Karawanov)
Kalininskogo meditsinskogo instituta na baze Klinicheskoy oblastnoy
bol'nitsy (glavnnyy vrach - zasluzhennyy vrach RSFSR A.A. Sokolov).
(MARROW)

Revis Yu L.

Scientific-Technical Conference on Metallography and Heat Treatment, Khart'kov 1957

120-58-5-15/17

deoxidation with aluminium it drops by about 50%. The boron is absorbed non-uniformly by the metal. The results of spectral and chemical analyses have shown that the boron contents in the reference specimens and in components varied between wide limits (0.0016-0.005%). Machining of experimental components containing additions of boron did not cause any difficulty.

Engineer Yu. L. Revis (Giprotraktorsel'khozmash) reported on the organisation of heat treatment operations in machining flow production lines and gave examples in which equipment for through heat treatment was installed in such lines for mass producing components (H.F. heating for case hardening, hardening of components of simple shape, hardening of gears). He gave characteristics of the conditions of hardening of the teeth of the gears and also elucidated the prospects of organising the heat treatment operations in complex lines for manufacturing components using gas flame heating and using automatic control of the temperature and the composition of the gaseous medium.

Candidate of Technical Sciences V. V. Gavranek (KEMI) reported on the investigations of cavitation erosion by

Card
9/20

REVISHVILI, Z.V.

Catheterization of the right heart chambers and the pulmonary artery system in tumorous and suppurative diseases of the lung.
Soob. AN Gruz. SSR 38 no. 3:723-728 Je '65. (MIRA 18:12)

1. Tbilisskiy institut usovershenstvovaniya vrachey. Submitted
Febr. 27, 1965.

REVISHVILI, Z.V.

Angiopneumography in the clinical treatment of tumorous and
suppurative diseases of the lung. Soob. AN Gruz. SSR 40 no.2:
493-498 N '65. (MIRA 19:1)

1. Tbilisskiy gosudarstvennyy institut usovershenstvovaniya
vrachey. Submitted May 25, 1965.

REVIYA, T.L.

Phase analysis of the heart systole in children with rheumatism
as related to the degree of the disturbance of blood circulation.
Soob, AN Grus. SSR 39 no.2:487-492 Ag '65. (MIRA 18:9)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0

NOSENKO, B.M., REVSIN, L.S., YASKOLKO, V.Ya.

Determination of the characteristics of trapping centers of
crystalline phosphors. Trudy SAGU no.148:85-90 '59.

(Phosphors)

(MIRA 13:7)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0"

REVIS-TURCHINA, F. A.

USSR/ Medicine - Dysentery

Jul 53

"The Combined Action of Antibiotics on Dysentery Bacilli," V. S. Derkach, O. S. Belaya, A. M. Savchenko, F. A. Revis-Turchina

Zhur Mikro, Epid, i Immun, No 7, pp 33-35

Sonne bacilli are most resistant to synthomycin (I), sanazin (II), and gramicidin S (III), Grigor'yev - Shiga bacilli least resistant. Flexner bacilli occupy an intermediate position. Use of combinations I-III, I-II, and II-III in vitro increased the bactericidal effect on all groups of bacteria by factors 4-32-64-128. I and II in doses which protected 8-20% of white mice against virulent Sonne and Flexner cultures or did not give any protection were found to protect 64-71.6% of the mice when used together (I-II). On the basis of these findings, combinations of antibiotics were used with good results on children.

267T45

DERKACH, V.S.; BELAYA, D.S.; SAVCHENKO, A.M.; REVIS-TURCHINA, F.A.

Combined effect of antibiotics upon dysentery bacteria. Zhur.mikrobiol.
epid.i immun. no.4:80 Ap '54. (MLRA 7:5)

1. Iz Khar'kovskogo instituta vaktein i svorotok im. Mechnikova.
(Antibiotics) (Shigella dysenteriae) (Shigella paradyserteriae)

ERLIKH, G.M.; VARTANOVA, N.A.; REVITSKIY, E.I.

New method for calculating casings for abrasive wear. Neft.
khoz. 40 no.7:15-19 J1 '62. (MIRA 17:3)

REVKOV, G.A., kand. tekhn.nauk; PRONIN, B.A., dots., kand. tekhn.
nauk, retsenzent; ROZENBAUM, B.S., red.; TIKHONOVA, I.I., tekhn.
red.; KOGAN, F.L., tekhn. red.

[Soviet-made variable-speed gears] Otechestvennye variatory skoro-
stei. Moskv , TSentr. in-t nauchno-tekhn.informatsii mashinostro-
eniia, 1960. 94 p.

(Gearing)

KVITKIN, Yu.P., kand.biolog.nauk; VASIN, A.V., kand.veterinar.nauk;
REVNIVYKH, A.G., kand.veterinar.nauk

Summer disease of lambs affecting the respiratory and digestive
organs. Veterinariia 36 no.7:50-52 J1 '59. (MIRA 12:10)

1. Saratovskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.
(Lambs--Diseases and pests)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0

REVITZ, Laszlo

New technological methods in the shoe industry. Musz elet 17 no.22:10
250 '62.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0"

REVITZ, Laszlo

New technological methods, solutions in the shoe industr.
Bor cipo 12 no.5/6:165-168 0 '62.

1. Duna Cipogyar, es "Bor- es Cipotechnika" szerkeszto bizottsagi tagja.

REVITS, Laszlo; SCHMINI, Bela

Wetting upper leathers before shaping them with a last. Bor
cipc 15 no.2:36-40 Mr '65.

1. Research Institute of Leather Industry, Budapest. 2. Editorial
Board Member, "Bor-es Ciposchnika" (for Revtiz).

REVITZ, Laszlo

Method for planning technical development at the Danube Shoe Factory
in 1962. Bor cipo 12 no.1:13-15 Ja '62.

1. Duna Cipogyar, es "Bor es Cipotechnika" szerkeszto bisottsagi
tagja.

(Hungary—Shoe industry and trade)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0

REVIYA, T.L.

Phase analysis of the cardiac systole in children with various
degrees of rheumatism. Soob. AN Gruz. SSR 38 no.1:241-248 Ap
'65. (MIRA 18:12)

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0"

REVIZIN, A. F.

B. T. R.
Vol. 3 No. 3
March 1954
Chemistry - Organic.

13036* Effect of Small Additions of NO₂ on Oxidation of Propane. (Russian) A. F. Revzin and V. Ia. Shtern. Doklady Akademii Nauk SSSR, v. 92, no. 1, Sept. 1, 1953, p. 123-126. Describes influence of temperature on rate of oxidation. Tables, graphs. 12 ref.

REVIZIN, I. I.

26-10-39/44

AUTHOR: None given

TITLE: A Brief Review of New Books (Korotko o novykh knigakh)

PERIODICAL: Priroda, 1957, No 10, pp 122-123 (USSR)

ABSTRACT: "Nuclear Processes in the Stars", a collection of lectures given at Liege in September 1953. No author.
I.I. Revizin, "Plastic Materials in Medicine"
V. Glazcer, "Principles of Electronic Optics" (Transl. fr. German)
E. Birshtekher, "Microbiology of Crude Oil" (Transl. fr. English)
B.G. Kuznetsov, "Principles of the Theory of Relativity and Quantum Mechanics in their Historical Development"
G.B. Alterman; A.M. Zharskiy; P.A. Krivkov; F.V. Nevolin, "Production of Synthetic Fat Acids, Alcohols and Fat Substitutes in the Soviet Zone of Germany."
M.P. Bedinggauz, "Preserving Natural Colors in Plant Drying".
Jim Corbett, "The Cannibals of Kumaon" (Transl. fr. English)

AVAILABLE: Library of Congress

Card 1/1

SOV-135-58-11-19/21

AUTHORS: Gerasimenko, G.I. and Reviznikov, L.I.

TITLE: Industrial Practice of Soviet Students in Czechoslovakia
(Proizvodstvennaya praktika sovetskikh studentov v Chechko-
slovakii)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 11, pp 42-43 (USSR)

ABSTRACT: A group of Soviet students from MVTU imeni Bauman went to Czechoslovakia for practical training. During this period they studied the development of welding techniques in Czechoslovakia, the system of training welding engineers, the activities of the Bratislava Scientific Research Institute headed by Academician Chabelka, and those of the Ostrava Metallurgical Combine imeni Klement Gotvald. Information is given on the work of the Institute, which is occupied in designing welding equipment, in particular, for relief and electric slag welding. At present, experiments are being performed on the electric slag three-electrode welding of hollow shafts 1,500 mm in diameter and 250 mm in wall thickness. A series of relief welding presses of 1,000 kva capacity was also designed. Information is also presented on

Card 1/2

SOV-135-58-11-19/21

Industrial Practice of Soviet Students in Czechoslovakia

the work of the Vítkovice Metallurgical Combine imeni Klement Gottwald, comprising various plants where qualified workers are being trained. The electrode production of the electrode shop at this plant amounts to 4,000 tons per year. There are 2 photos and 1 organization chart.

1. Welding—Training 2. Welding—Czechoslovakia

Card 2/2

GORYACHKO, K.V., podpolkovnik meditsinskoy sluzhby; KAVIZHNOV, N.I., podpolkovnik meditsinskoy sluzhby; GAPONYUK, P.I., podpolkovnik meditsinskoy sluzhby; SMIRNOV, P.I., mayor meditsinskoy sluzhby; VASILENKO, P.V., mayor meditsinskoy sluzhby

Characteristics of an influenza outbreak among garrison personnel.
Voen. - med. zhur. no.1:54-56 1963. (MIRA 17:8)

SHCHELOCHKOVA, S.P.; MAKARTSEVA, T.V.; GARSHIN, Ye.A.; MOISEYEVA, Ye.I.;
BLAGODAROVA, T.N.; MAKAROVA, L.I.; MEL'NIKOVA, R.M.; REVIZOVA, V.Ye.;
YUSHKEVICH, G.I.; YEVPHYNTSEVA, Z.A.; GALYAMOVA, M.F.; DROGOVA, L.M.;
SALIKOVA, V.N.; KORNOV, P.Ya., red.; ANTONOV, V.P., tekhn.red.

[Economy of the province and city of Kuybyshev; a statistical
manual] Narodnoe khoziaistvo Kuibyshevskoi oblasti i goroda Kuibysheva;
statisticheskii sbornik. Kuibyshev, Kuibyshevskoe otd-nie Gosstat-
izdata, 1957. 197 p. (MIRA 11:3)

1. Kuybyshevskaya oblast'. Statisticheskoye upravleniye. 2. Statisti-
cheskoye upravleniye Kuybyshevskoy oblasti (for all, except Konnov,
Antonov)

(Kuybyshev Province--Statistics)

SEREDAVIN, D.G.; KONNOV, F.Ye.; YUSHKEVICH, G.I.; SILINA, L.D.; MOISRYEVA,
Ye.I.; ELAGODAROVA, T.N.; BIRYUKOVA, M.S.; SOLOVEY, I.I.; REVIZOVA,
V.Ye.; YEVPRYNTSEVA, Z.A.; DAVYDOVA, I.V.; SAVICHEVA, Z.N.;
KHAUSTOVA, A.K., tekhn.red.

[Economy of Kuybyshev Province for 1958-1959; statistical collection]
Narodnoe khoziaistvo Kuibyshevskoi oblasti za 1958-1959 gody; sta-
tisticheskii sbornik. Kuibyshev, 1960. 174 p.

1. Kuybyshevskaya oblast'. Statisticheskoye upravleniye. 2. Nachal'-
nik Statisticheskogo upravleniya Kuybyshevskoy oblasti (for Seredavin).
3. Statisticheskoye upravleniye Kuybyshevskoy oblasti (for all,
except Khaustova).

(Kuybyshev Province--Statistics)

(MIRA 14:1)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0

Kiev Kavzchikov, R.

MAKAROV, V. I.; BURTEVICH, O. P.

"The Nature of Orientation in Metal Powders"
a report presented at Symposium of the International Union of
Crystallography
Leningrad, 21-27 May 1959

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001444720009-0"

SOV/70-4-2-12/36

AUTHORS: Batsur', D., Iveronova, V.I. and Revkevich, G.P.

TITLE: The Nature of Extinction in Metallic Powders (Priroda ekstinktsii v metallicheskikh poroshkakh)

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 2, pp 214-218 (USSR)

ABSTRACT: X-ray scattering curves from powdered Cu and Ni have been measured with an URS-50I diffractometer for Cu-radiation monochromatised by reflexion from pentaerithritol. These are compared with theoretical curves. It is concluded that in powders of Cu and Ni deformed and annealed below the recrystallisation temperature secondary extinction is observed. The coefficient of secondary extinction grows with increasing temperature of annealing which corresponds to decreasing the disorientation angle. The dimensions of the blocks here increases very little and primary extinction can be neglected. After high-temperature annealing (above the recrystallisation temperature which leads to a sharp growth of the grains) only primary extinction influences the intensities on the powder photograph and secondary extinction is negligible. The primary extinction is

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SOV/70-4..2-12/36

The Nature of Extinction in Metallic Powders

readily detectable from the weakening of all lines, even those with high indices. This shows that in powder specimens blocks in the same grain screen each other and not blocks in different grains. The disorientation of blocks in one grain of the deformed metal is comparatively slight (a general fragmentation of 1.5°) but the number of blocks is large and hence there is secondary extinction. After recrystallisation the number of blocks in a grain has become small but the angles of rotation between them are large and this removes secondary extinction and produces primary. To determine the dimensions of the blocks from the intensities of the Debye lines it is necessary first to make certain what sort of extinction has weakened the intensities. Coincidence between the dimensions determined by the two methods (line broadening and intensity measurement) which are noted in the literature are only apparent and are caused by the irregular use of the formulae for the dependence of intensity on block size for specimens where the weakening of lines is due to the slight fragmentation of the initial grains.

Card2/3

The Nature of Extinction in Metallic Powders

SOV/70..4-2..12/36

There are 5 figures and 10 references, 4 of which are
Soviet and 6 English

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni
M.V. Lomonosova (Moscow State University imeni
M.V. Lomonosov)

SUBMITTED: September 15, 1958

Card 3/3

IVERONOVA, V.I.; POPOVA, I.I.; REVKEVICH, G.P.

Effect of faults in the packing of layers on the intensity of Debye
lines. Kristallografiia 5 no.4:530-534 Jl-Ag '60. (MIRA 13:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Brass---Spectra)

24(3)

SOV/48-23-5-12/31

AUTHORS: Batsur', D., Iveronova, V. I., Revkevich, G. P.

TITLE: On the Problem of Tensions of the 3rd Kind (K voprosu o napryazheniyakh III roda)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959,
Vol 23, Nr 5, pp 591-600 (USSR)

ABSTRACT: N. N. Davidenkov has shown that strains (or tensions) of the 3rd arise by plastic deformation. In a series of non-Russian papers it is proven that in roentgenograms of plastically deformed metals an attenuation of the interference lines occurs, and a formula (1) is given, permitting the computation of this attenuation. Reference is then made to works carried out in the Forties, when it was proven that tensions of the 3rd kind occur with all deformations. An explanation is given next of two models of the state of plastically deformed metals 1) the dislocation is in the range of the grain boundaries of the texture. 2) the disordered dislocation is in the interior of the texture grains. The attenuation of the interference lines is in relation to the root mean square atom displacement. Mention is then made of conditions in experiments, in which the monochromatic radiation was applied and measurements for comparative purposes were made

Card 1/2

On the Problem of Tensions of the 3rd Kind

SOV/48-23-5-12/31

on standard samples. The results of intensity measurements at a temperature of 500° C are first given next. A strong increase in intensity is observed at the beginning of the thermal treatment. A formula is then given, by which the degree of deformation may be determined from the intensity of the lines. Ekstein's formula is given for the computation of the primary extinction (Ref 12), and Lang's formula for the secondary extinction (Ref 13). Measuring results are shown in diagrams, that were obtained from experiments made on nickel, copper and the alloy Cu-Sn (Figs 3 and 4), and the dispersion was investigated. The conclusive summary mentions the relations between mechanical characteristics and tensions of the 3rd kind. There are 4 figures, 2 tables, and 19 references, 11 of which are Soviet.

Card 2/2

REVKIN, I. G.

"Dispensary Treatment of Patients Suffering from Nervous-Psychic Diseases,"
State Publ. House for Ned. Lit., Moscow, 1956

This book, based on a long experience, contains instructions on the organization of psycho-neurological dispensaries and on the methods for applying appropriate treatments for various aspects of nervous and psychic diseases.

D 491068

REVKOV, F.F., glavnnyy inzhener.

Continuous operation in all phases of work at the Iutugin mine. Mekh.trud.
rab. 7 no.9:17-22 S '53. (MLRA 6:9)

1. Shakhta im. Iutugina.

(Coal mines and mining)

REV KOU, G. A.

PHASE I BOOK EXPLOITATION SOV/2/383

25(1)

Akademiya Nauk SSSR. Komissariya po tekhnologii mashinostroyeniya i upravleniya mashinostroitel'nym Prosesor. S. II. Period upravleniya rabochimi mashinami. Automation of Machine-building Processes. Vol.12: Drives and Control Systems for Process Machinery.) Moscow, Izd-vo AN SSSR, 1959. 370 p. Errata slip inserted. 5,000 copies printed.

Ed.: V.I. Dukushin, Academician; Ed. of Publishing House: D.M. Ioffe; Tech. Ed.: I.P. Kuz'min.

PURPOSE: This book is intended for engineers dealing with automation of various machine-building processes.

COVERAGE: This is the second volume of transactions of the second Conference on Overall Mechanization and Automation of Manufacturing Processes held September 2-5, 1956. The present volume consists of three parts, the first dealing with automation of engineering measuring methods. The subjects discussed include automatic control of dimensions of machined parts, inspection methods for automatic production lines, in-process inspection devices, application of electronics in automating linear measuring processes, and machines for automatic inspection of bearing races. The second part deals with automatic drives and control systems for process machinery, including application of digital computers in the control of metal-cutting machine tools, reliability of relay systems, application of gas-tube frequency converters in the control of induction motor speeds, magnetic amplifiers and their use in automatic systems, hydraulic drives, and ultrasonic vibrators. Part three deals with mechanisms of automatic machines and automatic production lines. The subjects discussed include linkage, indexing, and Geneva-type mechanisms, friction drives, automatic loading devices, diaphragm-type pneumatic drives, various auxiliary devices for automatic production lines, and methods of design and accuracy of cams. No personalities are mentioned. There are no references.

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REVKOV, G.A., kandidat tekhnicheskikh nauk.

Increasing the durability of the TsNIITMASH variators. Vest.
mash. 37 no.6:28-32 Je '57. (MIRA 10:7)
(Machine tools—Attachments)

KEY KOL'YA /
SAVENIN, M.M., doktor tekhnicheskikh nauk, professor; REVKOV, G.A., kandidat
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Strength of globoid worm gears. Vest.mash. 37 no.9:16-18 S '57.
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Load-carrying ability of globoid worm transmissions having cast
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Basic structural parameters of multidisk friction speed variators.
Vest. mashinostr. 45 no.5:11-14 My '65. (MIRA 18:6)

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Frictional properties of a multidisk speed variator. Vest.mashinostr.
43 no.11:7-11 N '63. (MIRA 17:2)

REVKOV, G. A.

USSR/Engineering - Friction couplings

Card 1/1 Pub. 128 - 4/25

Authors : Revkov, G. A.

Title : The permissible stress in a friction couple (the use of steel-textolite combination for variators)

Periodical : Vest. mash. 1, 29-32, Jan 1955

Abstract : The editorial gives some information on testing toroid-spherical friction couplings with variators made of the steel-textolite combination. Technical data is presented concerning the heat conductivity of these couplings, as well as slip and stress when the transmitted power becomes excessive. Five USSR references (1947-1953). Graphs; table; illustration; drawing.

Institution :

Submitted :

REVKOV, G. A., Eng.

Power Transmission

Determining the force necessary for controlling a stageless, toric, friction transmission,
Vest. mash., 32, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

REVKOV, G.A., kandidat tekhnicheskikh nauk.

Calculation of forces necessary for the control of friction trans-
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